

**METHOD AND APPARATUS FOR PROVIDING IN-BAND LOCATION
INFORMATION IN AN EMERGENCY RESPONSE NETWORK**

ABSTRACT

Location information associated with an access device on a data network may be generated by the network and transmitted in-band on an emergency call to a PSAP to allow the PSAP operator to obtain the location of the caller for emergency services. The location information may be audible or may be generated in a form readable by a machine at the PSAP operator's station. The information may be provided automatically or on-demand. Enabling the data network to generate and transmit the location information enables the data network to provide more up-to-date location information than if the location information were required to be updated into the PSAP's ALI database. Additionally, mobility on the data network may be accommodated to enable the emergency location service to be provided on a wireless network. A database associated with the service may be configured to store the location information, which may then be provided in connection with emergency calls.